



2005  
Calle 4-2-3-2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**Patent Application**

Applicant(s): M. Calle et al.  
Case: 4-2-3-2  
Serial No.: 10/025,352  
Filing Date: December 19, 2001  
Group: 2664  
Examiner: Binh Q. Nguyen

I hereby certify that this paper is being deposited on this date with the U.S. Postal Service as first class mail addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Signature:

*Lisa L. Vulpis*

Date: December 20, 2005

Title: Processor with Reduced Memory Requirements for High-Speed Routing and Switching of Packets

AMENDMENT TRANSMITTAL

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith is the following document relating to the above-identified patent application:

(1) Amendment and Response to Office Action.

There is no additional fee due in conjunction with the Amendment. In the event of any non-payment or improper payment of a required fee, the Commissioner is hereby authorized to charge or to credit **Ryan, Mason & Lewis, LLP Deposit Account No. 50-0762** as required to correct the error.

Respectfully submitted,

*Joseph B. Ryan*

Date: December 20, 2005

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Signature: *Lisa L. Vulpis* Date: December 20, 2005

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High-Speed Routing and Switching of Packets

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**AMENDMENT AND RESPONSE TO OFFICE ACTION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The amendments and remarks below are submitted in response to the first non-final Office Action dated September 20, 2005 in the above-identified application.